

CLAIMS

1. A method of uniquely associating transaction data with a particular individual, comprising the steps of:

generating or obtaining transaction data for that individual; and

5 associating the transaction data with a unique personal identification key of that individual, the key expressed in human readable form and comprising a representation of the individual's first or given name, the individual's father's first or given name, the individual's mother's first or given name, the individual's date of birth, the individual's gender, and the individual's place of birth expressed in longitude and latitude.

10 2. The method of claim 1, wherein the unique personal identification key further comprises the first or given name of previous issue of either parent.

3. The method of claim 1 or claim 2, wherein the method includes the step of transforming the human readable form of the key into a non-human readable form and, optionally, the further retransformation of the non-human readable form of the key back
15 into human readable form.

4. The method of any preceding claim, wherein the individual's place of birth is expressed in terms of degrees and minutes.

5. The method of any one of claims 1 to 3, wherein the individual's place of birth is expressed in terms of degrees, minutes, tenth-minutes, hundredth-minutes and
20 thousandth-minutes.

6. The method of any preceding claim, wherein the association of the data transaction with a unique personal identification key, or the association of disparate data transactions each associated with non-identical keys, includes the step of, evoking an indication of a degree of match, being a probability of correctness of match.

25 7. The method of claim 6, wherein, in the event of a non-perfect match of a particular key or keys, a candidate list of likely keys is evoked, each candidate associated with a probability or ranking to indicate a degree of match.

8. The method of claim 6 or claim 7, wherein the degree of match is generated in accordance with an algorithm biasing the probability of match in favour of characteristics
30 selected from the group of gender, date of birth, place of birth and existence of a previous issue.

9. The method of any preceding claim, wherein the transaction data is expressed in a machine parsable scripting language.

10. The method of claim 9, the machine parsable scripting language having an organised and classified vocabulary of terms which derive from a natural human language to facilitate ease of comprehension by humans, the language based upon the use of expressions containing said terms and representing items of information, wherein said expressions selectively include contextual code components to provide a context of an item of information, the contextual code components comprising terms from said vocabulary, each term able to embody both an intrinsic meaning and a place value significance, the place value significance augmenting the meaning of the resultant expression depending on the positional relationship of the term to a contextual code component, so to provide a transaction proposition applicable to global messaging.
11. The method of claim 9, wherein the unique personal identification key forms the header of each transaction proposition.
12. The method of any one of claims 9 to 11, wherein each transaction proposition comprises an English text component for direct human apprehension, and a coded component for direct computer input.
13. The method of any one of claims 9 to 12, wherein each transaction proposition includes a representation of a further location, being the location of the transaction.
14. The method of claim 1 or claim 13, wherein the unique personal identification key or the transaction proposition further comprises a representation of altitude of location of place of birth or of the location of the transaction.
15. The method of any one of claims 9 to 14 for global messaging of transaction data, including the step of constructing a message block from a series of transaction propositions held headed by a single unique personal identification key.
16. The method of any preceding claim, wherein the transaction data is patient healthcare data, and the unique personal identification key identifies a patient.
17. The method of any one of claims 1 to 16, wherein the unique personal identification key identifies an individual in a law enforcement context.
18. The method of any one of claims 1 to 16, wherein the unique personal identification key identifies a world wide web domain name for web services for a global citizen.
19. A computer-based messaging system for communicating data relating to particular individuals, comprising messages in a format of one or more blocks of data expressed in a machine parsable scripting language together with a unique personal identification key

for said particular individual, the key comprising a representation of a combination of the individual's first or given name, the individual's father's first or given name, the individual's mother's first or given name, the individual's date of birth, the individual's gender, and the individual's place of birth expressed in longitude and latitude.

- 5 20. The system of claim 19, wherein the unique personal identification key further comprises a representation of the first or given name of previous issue of either parent.